



CONVEYOR DEVICE HAVING DISSOCIABLE GRIPPER HEAD

PAT 12-01-00 00335799 JP NDN- 043-0195-8384-6

**INVENTOR(S)- BELANGER, ROGER ROBERT; COTE, KEVIN LAUREN;
MCKRELL, LEE RICHARD**

PATENT APPLICATION NUMBER- 2000112402

DATE FILED- 2000-04-13

PUBLICATION NUMBER- 00335799 JP

DOCUMENT TYPE- A

PUBLICATION DATE- 2000-12-05

PATENT PRIORITY INFO- 99 291663, 1999-04-14, United States of America

INTERNATIONAL PATENT CLASS- B65H02904; B65G04786

APPLICANT(S)- HEIDELBERGER DRUCKMAS AG

PUBLICATION COUNTRY- Japan

PROBLEM TO BE SOLVED: To prevent the resistor error by the wrong matching of sections by providing a carrier attachment arranged in a carrier device and a section retaining dissociable gripper openably mounted on the carrier attachment for carrying the section along the carrier device.

SOLUTION: Carrier attachments 7 provided on first and second carrier devices 10, 11 are juxtaposed and advanced to a delivering area 12 at the same speed. The first carrier device 10 supports a dissociable gripper 1 having a section 2, and the second carrier device 11 has the empty carrier attachment 7. In the delivering area 12, the carrier attachments 7 are approached to each other so that one of the carrier attachments 7 is located on the respective side of the gripper 1. Whether the gripper 1 is stayed in the first carrier device 10 or delivered to the carrier attachment 7 of the second carrier device 11 is determined by the setting of non-engagement or engagement of a turning module 13 in the passing of the gripper 1 through a turning module 13.

COPYRIGHT: (C)2000,JPO